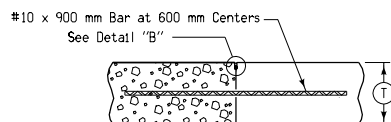
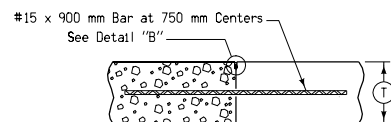


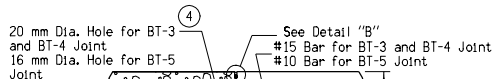
'B'
PLAIN JOINT
FOR ABUTTING PAVEMENT SLABS



See Notes ⑤
'BT-1'
ABUTTING PAVEMENT JOINT - RIGID TIE
Where T is Less Than 200 mm



'BT-2'
ABUTTING PAVEMENT JOINT - RIGID TIE
Where T is 200 mm or more

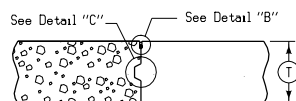


'BT-3'
600 mm Long at 750 mm Centers

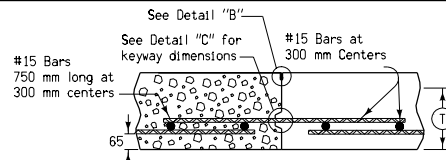
'BT-4'
600 mm Long at 375 mm Centers

Where T is less than 200 mm

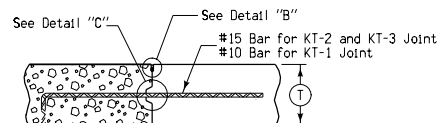
'BT-5'
600 mm Long at 750 mm Centers



'K'
KEYED JOINT FOR ADJACENT SLABS
Where T is 200 mm or more



'KS'
Longitudinal Joint for
Reinforced Pavement

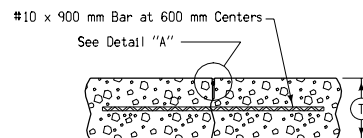


'KT-1'
750 mm Long at 750 mm Centers

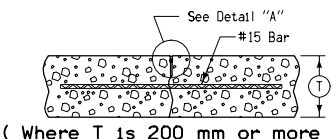
Where T is 200 mm or more

'KT-2'
750 mm Long at 750 mm Centers

'KT-3'
750 mm Long at 375 mm Centers

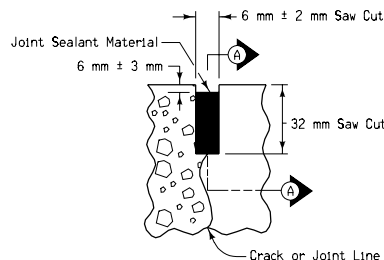
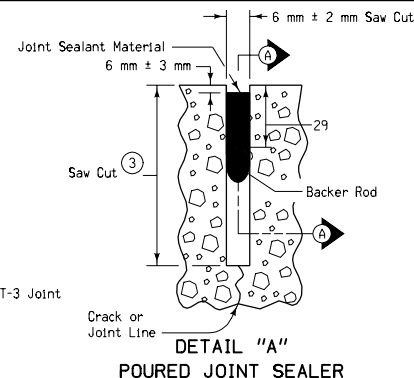


'L-1'
Where T is Less Than 200 mm

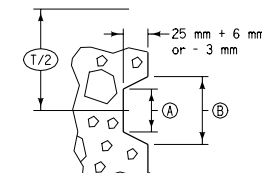


'L-2'
900 mm Long at 750 mm Centers

'L-3'
900 mm Long at 375 mm Centers

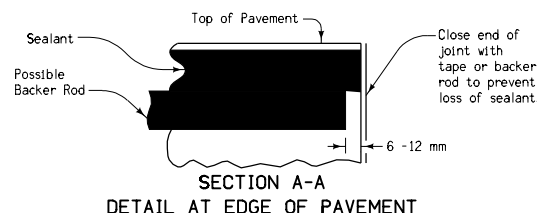


DETAIL "B"
POURED JOINT SEALER



DETAIL "C"

KEYWAY DIMENSIONS			
KEYWAY TYPE	PAVEMENT THICKNESS	(A)	(B)
STANDARD	750mm or greater	45	70
NARROW	Less than 750mm	25	50

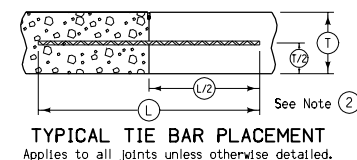


GENERAL NOTES:

Tie bars shall be held in place by devices or methods approved by the Engineer. Bars placed after concrete slab is poured shall be installed prior to vibration of pavement slab.

The joints as detailed hereon shall not be measured for payment. The construction detailed hereon including the furnishing of the tie bars and joint filler material shall be considered incidental to PCC paving, unless noted otherwise.

- Bar supports may be necessary for fixed form paving, subject to the Engineer's approval, to insure the bar remains in a horizontal position in the plastic concrete.
- When tying into old pavement, ① represents the depth of sound Portland Cement Concrete.
- Depth of sawcut shall be T/3.
- Placement of dowels or tie bars shall be in accordance with the current Standard Specification on "Reinforcement". The method of anchoring bars into existing pavement shall be as approved by the Engineer as set forth in appropriate Materials Instructional Memorandums.
- The following joints are interchangeable, subject to the pouring sequence:
'BT-1', 'L-1' and 'KT-1'
'KT-2' and 'L-2'
'KT-3' and 'L-3'



All dimensions given in millimeters unless noted.

METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	RH-51
	REVISION: Revise 'KS' joint detail.	REVISION NO. 15
	APPROVED BY DESIGN METHODS ENGINEER <i>William J. Stem</i>	REVISION DATE 04-30-02

JOINTS
(LONGITUDINAL CONTRACTION)